

CERTIFICATE OF ANALYSIS

Product Name	IGF-I (1-3), Cat.#: 314176 (TFA removed)
Lot No.	MTFA31287-0424
Sequence	GPE (Acetate Salt)
Dissolution condition	100%H2O
Length	3AA
Modification	acetate salt
Molecular Weight (MW)	301.30
Storage	-20°C

Test Items	Specifications	Results
MW by MS	301.15	Conforms
Purity by HPLC	>95%	99.660%
Peptide content	N/A	N/A
Moisture content	N/A	N/A
Acetic acid content	N/A	N/A
Appearance	White to off-white lyophilized powder	Conforms
Quantity	20mg	5.0mg*4

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by:

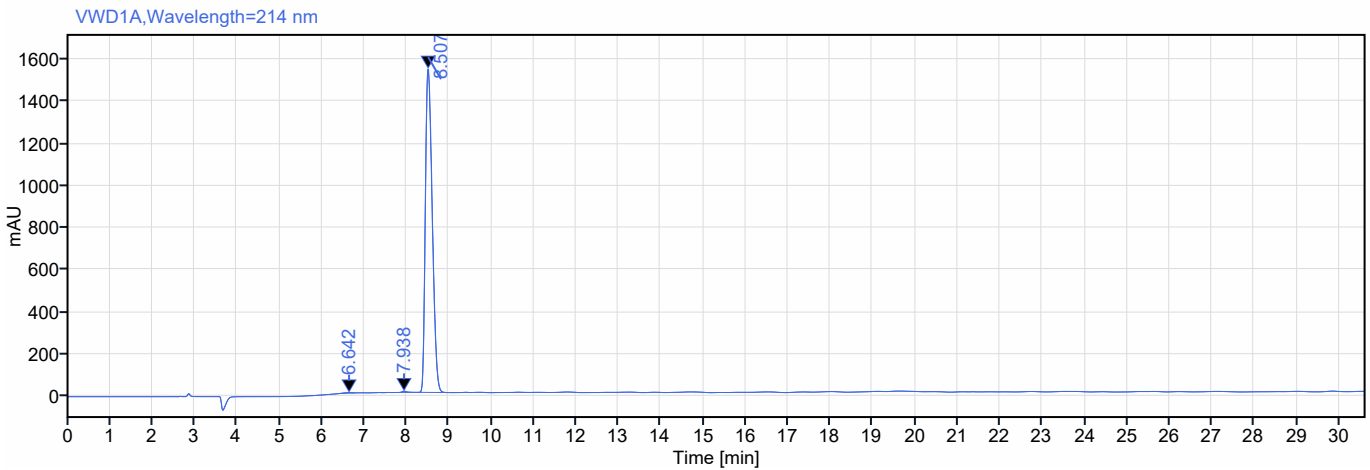


Quality Assurance Department

Apr/26/2024



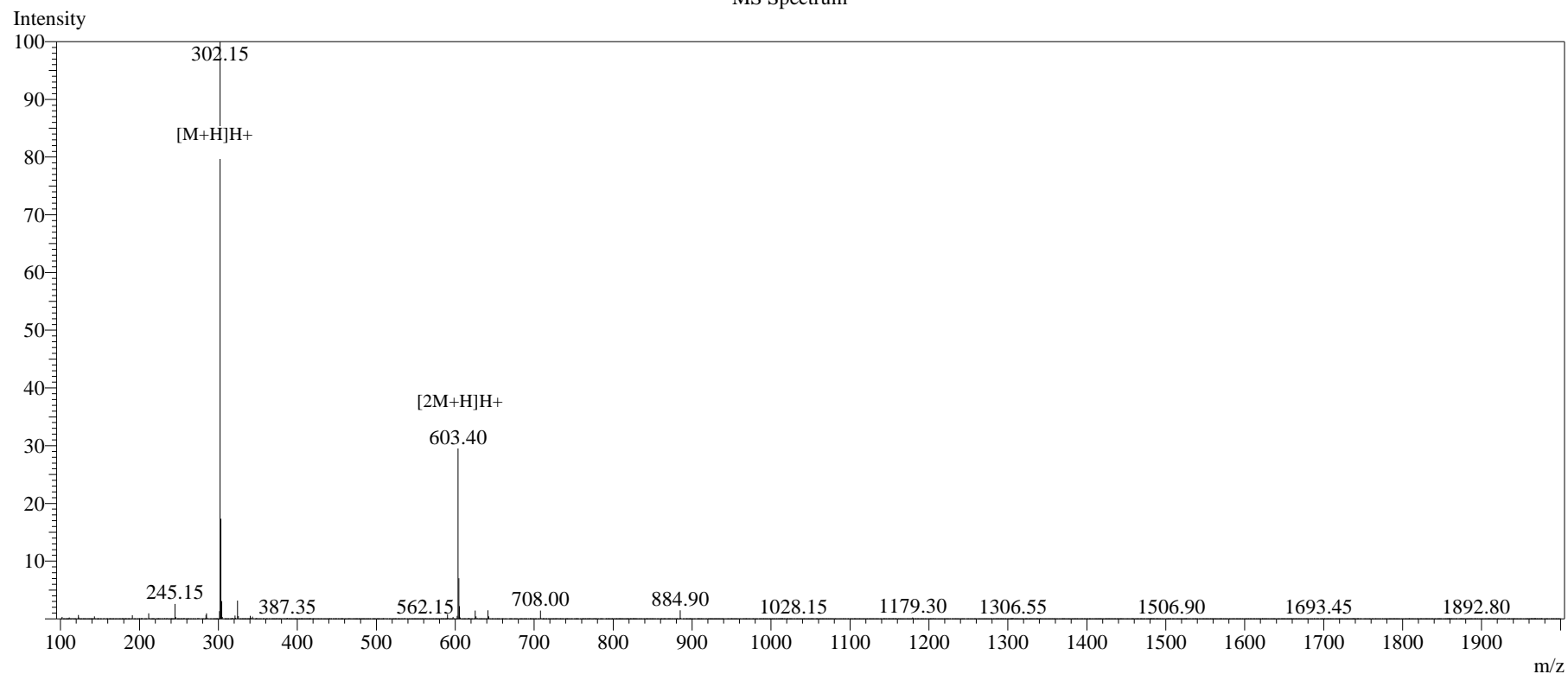
Data file:	MTFA31287P.dx	Project Name:	IGF-I (1-3)
Sequence Name:	SingleSample	Operator:	admin
Sample name:	MTFA31287P	Injection date:	2023-05-26 13:52:28+08:00
Instrument:	1260-VWD	Location:	P1-C11
Inj. volume:	25.000	Type:	Sample
Acq. method:	0.1-20-30-30min.amx	Sample amount:	0.00
Processing method:	GC_LC Area%_DefaultMethod.pmx		
Manually modified:	Manual Integration		



Signal: VWD1A,Wavelength=214 nm

RT [min]	Type	Width [min]	Area	Height	Area%	Name
6.642	MM m	0.19	23.09	1.97	0.13	
7.938	MM m	0.10	36.51	5.58	0.21	
8.507	MM m	0.18	17382.97	1537.71	99.66	
		Sum	17442.56			

MS Spectrum



Sample Information

Dissolution method	:15% ACN+85% H ₂ O	Interface	:ESI	Prerod Bias	:+4.5kv
Date Acquired	:2024/04/25 15:21:49	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Injection Volume	:0.2ul	CDL Temp	:250°C	T.Flow	:0.2ml/min
Block Temp	:200	CDL Volt	:0v	B.conc	:50% H ₂ O/50% MEOH

Order ID	:MTFA31287
Name	:IGF-I (1-3)
Sequence	:GPE (Acetate Salt)
Lot.No	:MTFA31287-0424
Theoretical	:301.30
Observed	:301.15